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An online credential repository for the Grid: MyProxy

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Abstract

Grid portals, based on standard Web technologies, are increasingly used to provide user i computational and data grids. However, such Grid portals do not integrate cleanly wish systems such as the Grid Security Infrastructure (GSI), due to lack of delegation capabiliti mechanisms. We solve this problem using an online credentials repository system, called allows Grid portals to use the GSI to interact with Grid resources in a standard, secure ma the requirements of Grid portals, give an overview of the GSI, and demonstrate how MyPr function together. The architecture and security of the MyProxy system are described in d

Index Ternis

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Non-controlled Indexing

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References

No references available on IEEE Xplore.

Citina Documents

1 Security for Grids, Humphrey, M.; Thompson, M.R.; Jackson, K.R. Proceedings of the IEEE On page(s): 644-652, Volume: 93, Issue: 3, March 2005 Abstract | Full Text: PDF (296) 2 A Grid Portal for an Undergraduate Parallel Programming Course, Tourino, J.; Martin, Arenaz, M. Education, IEEE Transactions on

Education, IEEE Transactions on On page(s): 391-399, Volume: 48, Issue: 3, Aug. 2005 Abstract | Full Text: PDF (664)

3 A National Human Neuroimaging Collaboratory Enabled by the Biomedical Informatics (BIRN), Keatro, D.B.; Gerteh, J.S.; Marrus, D.; Ozyurt, B.; Gadde, S.; Murphy, S.; Pier Notestine, R.; Bockhott, H.J.; Papadopoulos, P. Information Technology in Biomedicine, IEEE Transactions on On page(s): 162-172, Volume: 12, Issue: 2, March 2008 Abstract | Full Test: PDF Call

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A National-Scale Authentication Infrastructure - ▶ udc.es [PDF]

R Butler, DE Von Welch, I Foster, S Tuecke, J ... - COMPUTER, 2000 - doi jeeecomputersociety.org

... browser to provide the tag and pass phrase to the ... Users can present their GSI

credentials for authentication ... more complicated, such as the wrappers around the ...

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... credentials. ... at SDSC uses Perl CGI scripts[14] that simply wrap the myproxy ... get-delegation program with the appropriate user identity and pass phrase passed ...

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[HTML] ➤ SSLeay Programmer Reference

TJ Hudson, EA Young - 1997 - di.unito.it

... PEM format of the key with a pass phrase using DES ... the standard certificate exchange) their Unix credentials including their ... eg SunOS 5.x), a wrapper to perform ...

Cited by 4 - Related articles - Cached - Web Search

Assignment of user certificates/private keys in token enabled public key infrastructure system KW Aull, TC Kerr, WE Freeman, MA Bellmore - US Patent App. 10/027,622, 2001 - Google Patents

... review of data against credentials Certificate authority ... effort to determine the passphrase required to ... 132, create a certificate, wrap/encrypt the certificate ...

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IPDFI Stackable File Systems as a Security Tool

- E Zadok Columbia University CS TechReport CUCS-036-99, Dec, 1999 am-utils.org
- ... able wrapper file system. ... up file, but using the ownership and group credentials of the ... ID as the process that originally received the user's passphrase. ...

Cited by 11 - Related articles - View as HTML - Web Search - All 14 versions

Apoptosis the Programmed Death of Distributed Services - > 1813.50 [PS]

C Tschudin - LECTURE NOTES IN COMPUTER SCIENCE, 1999 - Springer

... service may depend on a continuous stream of credentials. ... The pass-phrase is hashed

using the MD5 digest ... encrypted and emitted inside the "wrapper" code as ...

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Method and apparatus for a web-based application service model for security management WB Sweet, JJ Yu - US Patent App. 09/930.029, 2001 - Google Patents

... Permission Credentials Information Contained in Encrypted Object Transmit Security

Profile Over the Network 615 Generate Cryptographic Working Key Transmit ...

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M Kaminsky - 2000 - pdos.lcs.mit.edu

... The passphrase allows the user to safely store an ... user access remote files with different credentials—for instance as ... ssu is a wrapper around the setuid Unix ...



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J Novotny, S Tuecke, V Welch - Proceedings of the Tenth International Symposium on High ..., 2001 -

doi iseecomputersociety.org

... allow HTTP connections secured with SSL encryption (HTTPS ... captured pass phrase, the compromised pass phrase could be ... to constantly decrypt the portal key can be ...

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A National-Scale Authentication Infrastructure - ➤ udc.es (PDF)

R Butler, DE Von Welch, I Foster, S Tuecke, J ... - COMPUTER, 2000 - doi.ieeecomputersociety.org

... 68.4, with one distinction: We use **SSL** rather than a ... to provide the tag and **pass phrase** to the ... SSH supports multiple mechanisms—Kerberos, RSA **key** pairs, and ...

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TJ Hudson, EA Young - 1997 - di.unito.it

... format of the key with a pass phrase using DES ... a password and can then return the key any number ... pushed STREAMS module that provides transparent SSL support for ...

Cited by 4 - Related articles - Cached - Web Search

The Grid Portal Development Kit - ▶ cogkits.org [PDF]

J Novotny... - Concurrency and Computation: Practice and Experience, 2002 - doi.wiley.com ... implemented over the Secure Sockets Layer (SSL) and is ... One of the key difficulties in developing a portal ... enter the same user name and pass phrase from their ...

Cited by 107 - Related articles - Web Search - BL Direct - All 9 versions

[PDF] XML Key Management Specification (XKMS)

P Hallam-Baker, S Author - W3C Note, March, 2001 - verisign.com

... 26 3.3.4 <ProcessInfo> 27 3.3.5 <PassPhrase> 27 ... 28 3.3.9 Faults 29 4 Key Registration

Service Protocol Overview 30 4.1 Linkage to an Underlying PKI 30 ...

Cited by 5 - Related articles - View as HTML - Web Search - All 10 versions

Assignment of user certificates/private keys in token enabled public key infrastructure system KW Aull. TC Kerr, WE Freeman, MA Bellmore - US Patent App. 10/027.622, 2001 - Google Patents

... and with some effort to determine the passphrase required to ... to create a Secure Socket Layer (SSL) session between ... the certificate in a public key and decrypt ...

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[PDF] > Flexible Key Management with SFS Agents

M Kaminsky - 2000 - pdos.lcs.mit.edu
... and applies it to the web and SSL [FKK96 ... The passphrase allows the user to safely

store an encrypted ... and certification programs as tools for doing key management ...
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Method and apparatus for a web-based application service model for security management WB Sweet, JJ Yu - US Patent App. 09/930,029, 2001 - Google Patents

... AND APPARATUS FOR A WEB-BASED APPLICATION SERVICE MODEL FOR ... values, a file header encrypting key, the mem-ber's access permissions credentials, and domain ...

Web Search - All 6 versions

[PS] ► A use-condition centered approach to authenticated global capabilities: Security architectures for ...

W Johnston, C Larsen - 1996 - www-itg lbl.gov

... and the Secure Sockets Layer [SSL] to provide ... credential databases (institutional/ group / individual server ... Identity certificates (Public-key Infrastructure) ... Cited by 17 - Related articles - View as HTMI

[воок] Network Security with OpenSSL

J Viega, M Messier, P Chandra - 2002 - books.google.com

... is kept secret from those without the proper **credentials**, even if ... As a result, most systems that use public **key** cryptography, **SSL** included, use it ...

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key passphrase credential storage OR secur 1996

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2002

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[PDF] Peer-to-peer solutions in the Semantic Web context: An overview

R Siebes - EU-IST Project IST-2001-34103 SWAP, Vrije Universiteit ..., 2002 - swap.semanticweb.org

... of a centralized server that could be a bottleneck in CPU or **storage** capacity and ... WSDL is a **key** part of the effort of the Universal Description, Discovery and ...

Cited by 9 - Related articles - View as HTML - Web Search - All 2 versions

IPDFI DVnamic Parameterization of IPsec

CD Agar, NAVAL POSTGRADUATE SCHOOL MONTEREY CA - 2001 - cisr.nps.edu

... 183 9. Secure Dissemination & Storage of QoSS ... Association and Key Management Protocol

(ISAKMP). ... system unifies the elements of security policy, credentials, ... Cited by 2 - Related articles - View as HTML - Web Search - Library Search - All 5 versions

[BOOK] Hack proofing your network

R Russell - 2002 - books.google.com

... Can Be Evaded Secret Cryptographic Algorithms Are Not Secure If a Key Is Not ... The

Digital Millennium Copyright Act includes a **provision** designed to prevent the ...

Cited by 17 - Related articles - Web Search - Library Search - All 5 versions

[PDF] TREGISTRATION AND AUTHENTICATION PROTOCOL FOR OCEAN: (OPEN COMPUTATION EXCHANGE AND AUCTIONING NETWORK ...

N Chawla - 2002 - cise.ufl.edu

... 3.1 Key Agreement Protocols.....26 ... I have also modified an existing key ...

View as HTML - Web Search - Library Search - All 3 versions

The Use of Firewalls in an Academic Environment- ➤ soton.ac.uk ppg

T Chown, D DeRoure, J Read - 2000 - eprints.ecs.soton.ac.uk

Page 1. The Use of Firewalls in an Academic Environment JTAP-631 Tim Chown

Jon Read David DeRoure Department of Electronics and Computer ...

Cited by 1 - Related articles - View as HTML - Web Search - All 4 versions

Current security issues faced by health care establishments and resulting requirements for a secure ...

B Blobel, B Baum-Waidner - Implementing Secure Health Telematics Applications in Europe ..., 2001 - books.google.com

... to a security problem we mean that **key** escrow or **key** recovery can ... In centralised information systems logical recording, processing and **storage** of information ...

Cited by 3 - Related articles - Web Search - BL Direct - All 2 versions

Method and system for transcribing electronic affirmations

CPK Smithles, JM Newman, B Wright - US Patent 6,091,835, 2000 - Google Patents

... such as that the affirming party: i) is in fact the identified party; ii) understands

that by entering affirming data, eg a password, key, biometric sample or ...

Cited by 27 - Related articles - Web Search - All 2 versions

(PDF) > of Deliverable Deliverable D05

C Baert, T Hecht, R Kuron, C Petersen - Convergence, 1996 - citeseerx.ist.psu.edu

... only for data transmission, but also for data storage. ... As a result secure key handling



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key passphrase credential wrapped OR walls 1996

2002

Scholar All articles - Recent articles Results 21 - 30 of about 55 for key passphrase credential wra

[BOOK] Network security with OpenSSL

J Viega, M Messier, P Chandra - 2002 - books.google.com

... 35 S/MIME 40 Passwords and Passphrases 42 Seeding ... kept secret from those without the proper credentials, even if ... only thing that needs to be secret is the key. ...

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IPDFI Application portals: practice and experience

M Thomas, M Dahan, K Mueller, S Mock, C Mills, R ... - Concurrency and Computation: Practice and Experience, 2002 - svn.globus.org

... system: at login, a valid username and passphrase will result ... by SSL using a 56or 128- bit key. ... user has presented the portal with this credential, the user ...

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P Chandra, M Messier, J Viega - 2002 - Infosecurity.org.cn

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is essentially "locked," but they ... thing that needs to be secret is the key. ...

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IPDFI № REPORT DOCUMENTATION PAGE Form Approved

ML Smith - 2000 - citeseerx.ist.psu.edu

... credential issued by a trusted authority that individuals or organizations present to prove ... message encrypted with the private key can be decrypted with the ...

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[PDF] ▶ Designing and Implementing Kiwi: A Secure Distributed File System over HTTPS

A Che - Computer Science Department, Stanford University, 2001 - austinche.name ... 6 Nothing needed to be carried around, except maybe a pass phrase in one's head

and a smart card in one's wallet. ... A key or passphrase must be obtained ...

Oited by 1 - Related articles - View as HTML - Web Search - All 7 versions

[воок] Secured Computing: A Cissp Study Guide

CF Endorf - 2001 - books.google.com

... For example: An account that has been locked-out after ... Something You Know — A Password,

Pass Phrase, or Personal ... Security problems occur, if a key is lost or ...

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IBOOKI True Names: And the Opening of the Cyberspace Frontier

V Vinge - 2001 - books google.com

... Namely, dig -ital money, anonymous e-mail, and all of the other issues connected with "strong cryptography" and "public key cryp -tography. ...

Cited by 13 - Related articles - Web Search - Library Search - All 2 versions

IDOCI ➤ Certification Practice Statement

V Verisign - 1996 - ncsu.edu

... in two physical locations to protect against attacks on a single credential server ... The private key itself is stored in encrypted form on the Enterprise Roaming ...

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Method and apparatus for a web-based application service model for security management WB Sweet, JJ Yu - US Patent App. 09/930,029, 2001 - Google Patents ... Billing & Auditing —950 -945 -955 Data Storage Tier 805 ... keon/white papers), allow

for secured transmission of ... are used to form a Credential Key, which itself ...

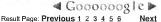
Web Search - All 6 versions

[PDF] SGrid service requirements

JC Desplet, J Hardy, M Antonioletti, J Nabrzyski, ... - ENACTS report, January, 2002 - citeseerx.ist.psu.edu ... data migration, replication, data storage, data transfer ... technologies.....139 III.3.7 Key features of ...

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